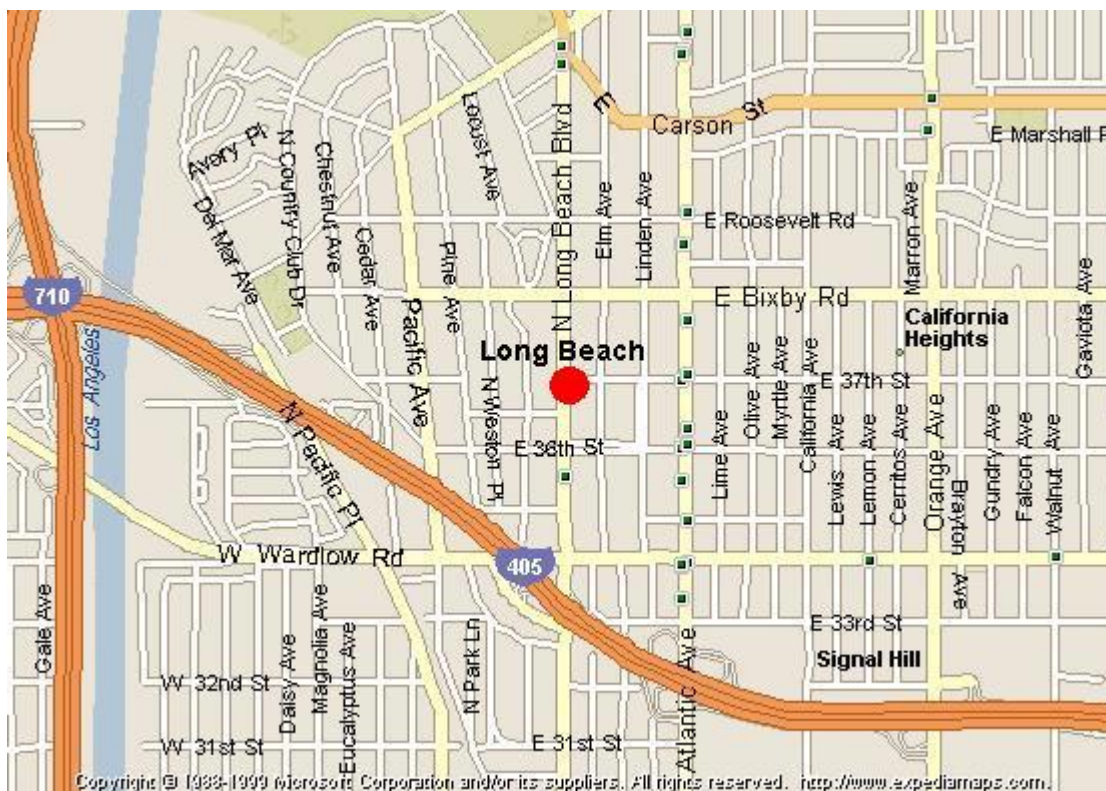


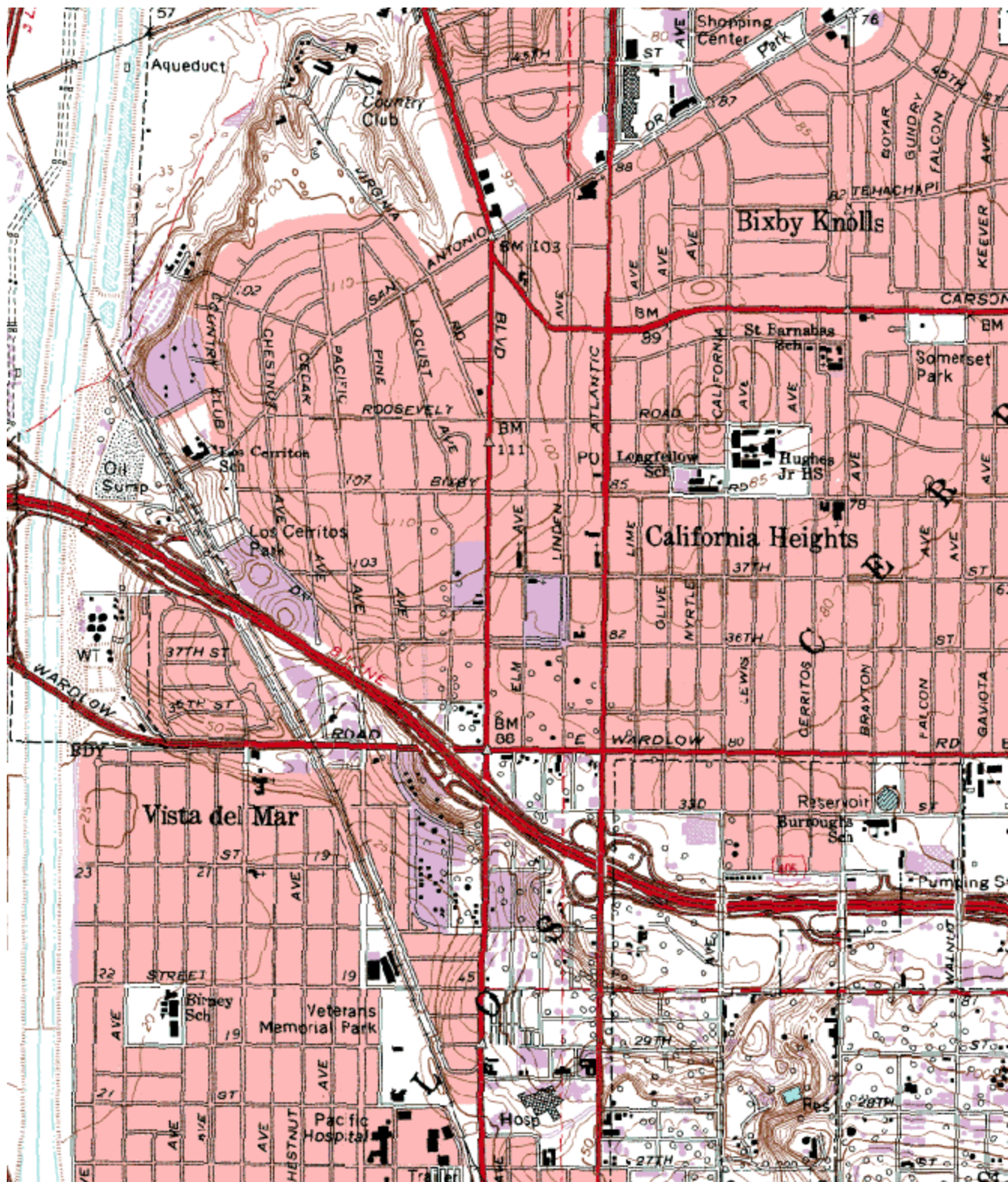
South Coast AQMD Site Survey Report for Long Beach (North)

Last updated: May 15, 2016



| AQS ID | ARB Number | Site Start Date | Reporting Agency and Agency Code |
|-----------|------------|-----------------|----------------------------------|
| 060374002 | 70072 | 10/1962 | South Coast AQMD (061) |

| Site Address | County | Air Basin | Latitude | Longitude | Elevation |
|--|-------------|-------------|--------------|---------------|-----------|
| 3648 N Long Beach Blvd Long Beach, CA 90807 | Los Angeles | South Coast | 33° 49' 25"N | 118° 11' 20"W | 29 |



Detailed Site Information

| | | | | |
|---|--|--|--|--|
| Local site name | Long Beach (North) | | | |
| AQS ID | 060374002 | | | |
| GPS coordinates (decimal degrees) | Latitude: 33° 49' 25" Longitude: 118° 11' 20" | | | |
| Street Address | 3648 N Long Beach Blvd, Long Beach, CA 90807 | | | |
| County | Los Angeles | | | |
| Distance to roadways (meters) | 8 – 55 (Two separate monitoring compounds); 497 | | | |
| Traffic count (AADT, year) | 19,900 / 2012; 405/Long Beach Blvd., 280,000, 2011 | | | |
| Groundcover (e.g. asphalt, dirt, sand) | Asphalt | | | |
| Representative statistical area name (i.e. MSA, CBSA, other) | 31080-Los Angeles-Long Beach-Anaheim MSA | | | |
| Pollutant, POC | 24 Hour PM2.5, 1 | | | |
| Parameter code | See Table 26 | | | |
| Basic monitoring objective(s) | NAAQS | | | |
| Site type(s) | Highest Concentration | | | |
| Monitor (type) | SLAMS | | | |
| Instrument manufacturer and model | Andersen RAAS PM2.5 | | | |
| Method code | 780, 120 | | | |
| FRM/FEM/ARM/ other | FRM | | | |
| Collecting Agency | SCAQMD | | | |
| Analytical Lab (i.e. weigh lab, toxics lab, other) | SCAQMD | | | |
| Reporting Agency | SCAQMD | | | |
| Spatial scale (e.g. micro, neighborhood) | Neighborhood | | | |
| Monitoring start date (MM/DD/YYYY) | 01/03/99 | | | |
| Current sampling frequency (e.g. 1:3, continuous) | 1:1 | | | |
| Calculated sampling frequency (e.g. 1:3/1:1) | 1:3 | | | |
| Sampling season (MM/DD-MM/DD) | 01/01-12/31 | | | |
| Probe height (meters) | 2.8 | | | |
| Distance from supporting structure (meters) | 1.8 | | | |
| Distance from obstructions on roof (meters) | N/A | | | |
| Distance from obstructions not on roof (meters) | N/A | | | |

| | | | | |
|--|------------------------|--|--|--|
| Distance from trees (meters) | 20 | | | |
| Distance to furnace or incinerator flue (meters) | N/A | | | |
| Distance between collocated monitors (meters) | N/A | | | |
| Unrestricted airflow (degrees) | 360° | | | |
| Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon) | N/A | | | |
| Residence time for reactive gases (seconds) | N/A | | | |
| Will there be changes within the next 18 months? (Y/N) | No | | | |
| Is it suitable for comparison against the annual PM2.5? (Y/N) | Yes | | | |
| Frequency of flow rate verification for manual PM samplers | Monthly | | | |
| Frequency of flow rate verification for automated PM analyzers | N/A | | | |
| Frequency of one-point QC check for gaseous instruments | N/A | | | |
| Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY) | N/A | | | |
| Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY) | 05/25/2015, 11/25/2015 | | | |

**Long Beach (North)
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.

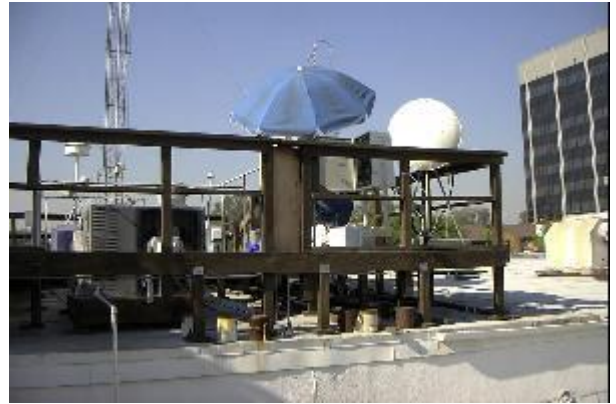


Looking West from the probe.

**Long Beach (North)
Site Photos (Cont.)**



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.